



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
COMMUNITY EQUITY, HEALTH, AND JUSTICE COMMITTEE

COMMITTEE MEMBERS

DAVINA HURT – CHAIR
MARGARET ABE-KOGA
JOHN GIOIA
SERGIO LOPEZ
STEVE YOUNG

TYRONE JUE – VICE-CHAIR
PAULINE RUSSO CUTTER
DAVID HAUBERT
NATE MILEY

THIS MEETING WILL BE CONDUCTED UNDER PROCEDURES AUTHORIZED BY ASSEMBLY BILL 361 (RIVAS 2021) ALLOWING REMOTE MEETINGS. THIS MEETING WILL BE ACCESSIBLE VIA WEBCAST, TELECONFERENCE, AND ZOOM. A ZOOM PANELIST LINK WILL BE SENT SEPARATELY TO COMMITTEE OR BOARD MEMBERS

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COMMUNITY EQUITY, HEALTH, AND JUSTICE COMMITTEE MEETING AGENDA

THURSDAY, OCTOBER 6, 2022

9:30 AM

1. **Call to Order - Roll Call**
2. **Pledge of Allegiance**
3. **Public Meeting Procedure**

The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members.

This meeting will be webcast. To see the webcast, please visit www.baaqmd.gov/bodagendas at the time of the meeting. Closed captioning may contain errors and omissions and are not certified for their content or form.

***Public Comment on Agenda Items:** The public may comment on each item on the agenda as the item is taken up. Members of the public who wish to speak on matters on the agenda for the meeting, will have two minutes each to address the Committee. No speaker who has already spoken on that item will be entitled to speak to that item again.*

CONSENT CALENDAR (Item 4)

4. Approval of the Community Equity, Health, and Justice Committee Meeting Minutes of July 7, 2022

The Committee will consider approving the attached draft minutes of the Community Equity, Health, and Justice Committee Meeting of July 7, 2022.

PRESENTATION(S)

5. Community Perspectives

This is an informational item only and will be presented by Community Advisory Councilmember William Goodwin.

6. Bay Area Permitting Overview

This is an informational item only and will be presented by Kevin Oei, Supervising Air Quality Engineer.

7. Recommendation for Board Action to Authorize Execution of Contract Amendments for Year 2 of the James Cary Smith Community Grant Program

This is an action item for the Committee to consider recommending that the Board authorize the Interim Executive Officer/APCO to execute any and all contract amendments to extend the term of the current James Cary Smith Community Grant awards previously approved by the Board for one additional year, and to amend the cumulative grant amount in a not to exceed amount of \$2,059,976, to allow eligible grantees to begin Year 2 of the three-year grant program. This item will be presented by Aneesh Rana, Senior Staff Specialist, and Elinor Mattern, Senior Staff Specialist.

8. Assembly Bill (AB) 617 Community Emissions Reduction Plan Recommendation for Bayview Hunters Point/Eastern San Francisco

The Committee will hear presentations from community partners and consider recommendation that the Board of Directors select Bayview Hunters Point for development of a Community Emissions Reduction Plan (CERP) pursuant to AB 617.

OTHER BUSINESS

9. Public Comment on Non-Agenda Matters

Pursuant to Government Code Section 54954.3

Members of the public who wish to speak on matters not on the agenda for the meeting, will have two minutes each to address the Committee.

10. Committee Member Comments

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

11. Report of the Senior Deputy Executive Officer of Policy & Equity

12. Time and Place of Next Meeting

Thursday, November 3, 2022, at 9:30 a.m., via webcast, teleconference, or Zoom, pursuant to procedures in accordance with Assembly Bill 361 (Rivas 2021).

13. Adjournment

The Committee meeting shall be adjourned by the Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the Air District's offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District's policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at www.baaqmd.gov/accessibility to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District's Non-Discrimination Coordinator, Suma Peesapati, at (415) 749-4967 or by email at speesapati@baaqmd.gov.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

OCTOBER 2022

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Legislative Committee	Monday	3	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Meeting	Wednesday	5	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Community Equity, Health and Justice Committee	Thursday	6	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Legislative Committee- CANCELLED AND RESCHEDULED TO MONDAY, OCTOBER 3, 2022 AT 1:00 P.M.	Monday	10	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Technology Implementation Office (TIO) Steering Committee	Friday	14	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Stationary Source and Climate Impacts Committee	Monday	17	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Path to Clean Air Community Emissions Reduction Plan Steering Committee	Monday	17	5:30 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Meeting	Wednesday	19	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Administration Committee	Wednesday	19	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Budget and Finance Committee	Wednesday	26	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Mobile Source and Climate Impacts Committee	Thursday	27	9:30 a.m.	Webcast only pursuant to Assembly Bill 361

HL 9/28/22 – 12:40 p.m.

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Sharon L. Landers
Interim Executive Officer/APCO

Date: October 6, 2022

Re: Approval of the Community Equity, Health, and Justice Committee Meeting Minutes
of July 7, 2022

RECOMMENDED ACTION

Approve the attached draft minutes of the Community Equity, Health, and Justice Committee Meeting of July 7, 2022.

BACKGROUND

None.

DISCUSSION

Attached for your review and approval are the draft minutes of the Community Equity, Health, and Justice Committee Meeting of July 7, 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Sharon L. Landers
Interim Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Draft Minutes of the Community Equity, Health and Justice Committee Meeting of July 7, 2022

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, California 94105
(415) 749-5073

Community Equity, Health and Justice Committee Meeting
Thursday, July 7, 2022

DRAFT MINUTES

*Note: Audio recordings of the meeting are available on the website of the
Bay Area Air Quality Management District at
www.baaqmd.gov/bodagendas*

**This meeting was conducted under procedures authorized by Assembly Bill 361. Members
of the Committee participated by teleconference.**

1. CALL TO ORDER – ROLL CALL

Community Equity, Health and Justice Committee (Committee) Co-Chairperson, Davina Hurt,
called the meeting to order at 9:30 a.m.

Roll Call:

Present: Chairperson Davina Hurt; Vice Chairperson Tyrone Jue; and Directors Margaret
Abe-Koga, John Gioia, David Haubert, Sergio Lopez, Nate Miley, and Steve
Young.

Absent: Director Pauline Russo Cutter.

2. PLEDGE OF ALLEGIANCE

3. PUBLIC MEETING PROCEDURE

4. APPROVAL OF THE MINUTES OF JUNE 2, 2022

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Young made a motion, seconded by Director Abe-Koga, to **approve** the Minutes of June 2, 2022; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Gioia, Haubert, Hurt, Jue, Lopez, Miley, Young.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter.

5. COMMUNITY PERSPECTIVES

Chair Hurt introduced a member of the Air District’s Community Advisory Council, Kevin G. Ruano Hernandez. A first-generation college student and environmental justice organizer in Richmond, Mr. Ruano Hernandez spoke about his participation in the Richmond Progressive Alliance, and the Alliance’s Listening Project, which aims to amplify the voices of frontline communities.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the desire to see the Community Advisory Committee offer suggestions to the Board of Directors regarding best practices for communicating with the public; the State’s definition of “impacted community” per the Community Air Protection Program (Assembly Bill 617), and which Bay Area communities are candidates for this program; and what encouraged Mr. Ruano Hernandez to pursue his interest in air quality.

Committee Action

None; receive and file.

6. EFFICACY OF IN-ROOM AIR CLEANERS DURING WILDFIRE SMOKE

Dr. Judy Cutino, Health Officer, introduced Dr. Wanyu Rengie Chan, of Lawrence Berkeley National Laboratory’s Indoor Environment Group, who gave the presentation *Efficacy of In-Room Air Cleaners During Wildfire Smoke*, including: in-room air cleaners; new guidance and resources on performance; do-it-yourself box fan effectiveness and safety; US Environmental Protection Agency Office of Research and Development work in progress – do-it-yourself laboratory effectiveness; field study in 7 Washington (state) homes; *Health Benefits and Costs of Filtration Interventions That Reduce Indoor Exposure to Particulate Matter 2.5 During Wildfires* (Fisk & Chan); 2003 Southern California wildfires; filtration interventions; key findings; does the use of indoor air cleaners protect against adverse health impacts from exposure to outdoor air pollution; and improving indoor air quality using in-room cleaners during wildfire smoke.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed whether in-room air cleaners protect against emissions from refinery flaring; effective ways of communicating to the public how and why to buy high efficiency particulate air (HEPA) filters; how experts concluded that the Minimum Efficiency Reporting Values (MERV) rating of 13 was the most protective standard (versus a different rating); and the request for information from this presentation that can be circulated among Board members' jurisdictional newsletters.

Committee Action

None; receive and file.

7. AUTHORIZATION TO USE CALIFORNIA AIR RESOURCES BOARD (CARB) SUPPLEMENTAL ENVIRONMENT PROJECT (SEP) FUNDS AND \$1 MILLION WILDFIRE MITIGATION DESIGNATED RESERVES FOR SCHOOL AND HOME AIR FILTRATION PROGRAMS

Veronica Eady, Senior Deputy Executive Officer of Policy & Equity, introduced Joshua Abraham, Acting Assistant Community Engagement Manager, who gave the staff presentation *Authorization to Use CARB SEP Funds and \$1,000,000 Wildfire Mitigation Designated Reserves for School and Home Air Filtration Programs*, including: requested action; background and program scope; impact; consultation with environmental justice leaders and partners; existing programs; proposal; local health centers and community partners; next steps; and requested action.

Public Comments

Public comments were given by Michael Kent, Contra Costa County Health Services.

Committee Comments

The Committee and staff discussed the process of connecting potential applicants/clients with existing programs; how schools in Richmond were selected for the proposed action; and how the Air District tracks outreach decides which communities should be prioritized.

Committee Action

Director Gioia made a motion, seconded by Director Lopez, to recommend the Board take the following action:

Authorize the Interim Executive Officer/ APCO to allocate CARB Supplemental Environmental Project (SEP) funds and amend the Community Engagement Division Budget by \$1 million using

the Wildfire Mitigation Designation Reserves. These combined funding sources will be used in the following ways:

1. Use of \$231,000 for the purchase of air filters and replacement filters for low-income clients of state Asthma Mitigation Partners with asthma or other respiratory disease
2. Execution of a \$69,000 professional services contract with Regional Asthma Management Prevention (RAMP) (a project of the Public Health Institute)
3. Execution of contract amendment with IQAir to use remaining \$97,603.29 of CARB SEP funds and \$294,600.95 of Wildfire Mitigation Designation Reserves for installation of air filtration and 5-year maintenance for four elementary schools in the Richmond - San Pablo area
4. Use \$300,000 to purchase air filtration units and replacement filters for federally qualified health centers to distribute to low-income clients with asthma or other respiratory disease in Assembly Bill (AB) 617 communities
5. Use \$100,000 to purchase air filtration units and replacement filters for AB 617 communities and outdoor workers recruited by James Cary Smith Community Grantees and other community-based organizations

The motion **carried** by the following vote of the Committee:

AYES: Abe-Koga, Gioia, Hurt, Jue, Lopez, Miley.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter, Haubert, Young.

8. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were read (via email) from Kristel Rietesel.

9. COMMITTEE MEMBER COMMENTS

None.

10. REPORT OF THE SENIOR DEPUTY EXECUTIVE OFFICER OF POLICY & EQUITY

Ms. Eady reported the following:

- Sharon Landers, Interim Executive Officer/Air Pollution Control Officer, is taking time off due to medical reasons.
- The presence of Ms. Landers, Chair Hurt, and Board Chair Bauters at the June 30 Community Advisory Council meeting was much appreciated.
- Membership of the East Oakland Community Emissions Reduction Plan Steering Committee is being developed. This body will not be subject to the Ralph M. Brown Act.

11. TIME AND PLACE OF NEXT MEETING

At the end of the meeting, the date of the next meeting was scheduled for Thursday, September 1, 2022. After the meeting adjourned, the next meeting was scheduled for Thursday, October 6, 2022, at 9:30 a.m., via webcast, teleconference, or Zoom, pursuant to procedures in accordance with Assembly Bill 361 (Rivas 2021).

12. ADJOURNMENT

The meeting was adjourned at 11:30 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Sharon L. Landers
Interim Executive Officer/APCO

Date: October 6, 2022

Re: Community Perspectives

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Community Equity, Health and Justice Committee provides local and regional community environmental justice advocates and local leaders a platform to present and share their expertise and/or lived experiences. Specific subjects/topics will vary based upon each community perspective member's unique experience.

Hope Solutions was founded in 1997 by a coalition of local faith communities, to provide emergency support to homeless individuals. Hope Solutions has grown to the premier organization in Contra Costa County, providing permanent supportive housing and vital services to over 2,000 of the most vulnerable members of the community. William Goodwin serves as a Resident Empower Program Leader for Hope Solutions and has partnered with other organizations such as Residents United Network and Non-Profit Housing of Northern California to advance housing justice policies to bring meaningful change. As a member of the Board of Directors for the East Bay Housing Organization (EBHO) and Monument Impact, he has been able to advocate for programs, policies and services for immigrants and low-income families, that promote healthy living, build professional skills, encourage entrepreneurship, and continuously engage and empower community members to advocate for the services they need.

DISCUSSION

William Goodwin is a councilmember of the Air District's Community Advisory Council. He will discuss his work with Hope Solutions and his efforts to build a coalition of impacted community members, government organizations, non-profit organizations, academic institutions, and other stakeholders to address environmental and health-related challenges. Mr. Goodwin will focus on enhancing the understanding of environmental and health-related issues at the community level in order to ensure low-income, minority and isolated stakeholders are equitably

aware of environmental health issues that deeply impact their community.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Sharon L. Landers
Interim Executive Officer/APCO

Prepared by: J. Howard and Tim Williams

Reviewed by: Veronica Eady

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Sharon L. Landers
Interim Executive Officer/APCO

Date: October 6, 2022

Re: Bay Area Permitting Overview

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Air District permits protect public health by assuring that stationary sources of air pollution comply with all applicable State, Federal and Air District regulations through its permitting programs. The Air District's New Source Review and Title V permitting programs apply to a broad range of facilities throughout the Bay Area. The New Source Review program is a pre-construction permitting process that requires permit applicants to demonstrate that: 1) new sources of air emissions, or 2) modifications to existing sources that have the potential to increase emissions, will meet all applicable air pollution control requirements, including using state-of-the-art pollution control equipment to mitigate potential increases in emissions and public health risks. The Title V program is applicable to major emissions sources and consolidates all of the various regulatory requirements applicable to a facility into a single, comprehensive permitting document to improve transparency, enforceability, and facility compliance.

These requirements for each of these permitting programs are set forth in five Air District Rules: Regulation 2 (Permits), 1) Rule 1 (General Requirements); 2) Rule 2 (New Source Review); 3) Rule 4 (Emissions Banking); 4) Rule 5 (New Source Review of Toxic Air Contaminants); and 5) Rule 6 (Major Facility Review).

DISCUSSION

Regulation 2 (Permits) includes the Air District's rules that govern New Source Review, which is a comprehensive permitting program that applies to entities within the boundaries of the Bay Area Air Quality Management District when they install new equipment or make modifications to existing equipment that has the potential to increase air pollution emissions. Prior to installing a new source of air pollution or modifying an existing source, a facility must obtain a permit

from the Air District. To obtain a permit from the Air District, the permit applicant must control emissions or exposure to people nearby. The Air District cannot issue permits for projects that will exceed health risk limits, or that do not comply with regulatory standards.

On December 15, 2021, the Air District Board of Directors adopted amendments to Regulation 2 (Permits), Rule 1 (General Requirements) and Rule 5 (New Source Review of Toxic Air Contaminants). The adopted amendments address how the Air District issues permits for sources of air pollution, with particular emphasis on increasing health protection in communities overburdened by pollution and health vulnerabilities. The adopted amendments will:

- Make health risk limits for new and modified projects more stringent if the project is located in an Overburdened Community – a change that recognizes the fact that air quality, health burdens, and exposures to other environmental contaminants are concentrated in certain parts of the Bay Area – particularly in communities with the highest concentrations of Black and Brown residents. In Overburdened Communities, the acceptable health risk limit will be reduced from ten in one million to six in one million.
- Expand the Air District’s public notice requirement in Overburdened Communities to require notification of nearby residents and businesses of proposed projects if the project will require a health risk assessment because of toxic air contaminant emissions.

Overburdened Communities are defined as census tracts that score at or above the 70th percentile in CalEnviroScreen, Version 4.0, as well as areas that are within 1,000 feet of the boundaries of those census tracts.

The Community Equity, Health and Justice Committee will receive a presentation on the Air District’s current permitting program and the enhancements that will be introduced by the adopted amendments to Regulation 2 (Permits), Rule 1 (General Requirements) and Rule 5 (New Source Review of Toxic Air Contaminants), effective July 1, 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Sharon L. Landers
Interim Executive Officer/APCO

Prepared by: Kevin Oei
Reviewed by: Pamela Leong and Damian Breen

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Sharon L. Landers
Interim Executive Officer/APCO

Date: October 6, 2022

Re: Recommendation for Board Action to Authorize Execution of Contract Amendments
for Year 2 of the James Cary Smith Community Grant Program

RECOMMENDED ACTION

Recommend Board Action to consider authorizing the Interim Executive Officer/APCO to execute any and all contract amendments to extend the term of the current James Cary Smith Community Grant awards previously approved by the Board of Directors for one additional year, and to amend the cumulative grant amount in a not to exceed amount of \$2,059,976. Amendments would allow eligible grantees to begin Year 2 of the three-year grant program.

BACKGROUND

The Board of Directors approved 35 James Cary Smith (JCS) Community Grant awards—the current grant cohort—on November 3, 2021, and on December 1, 2021. These grant awards span up to three years and afford the Board of Directors and staff the flexibility to cancel or suspend funding to grantees in any year. Funding for these grants is drawn from CAPP implementation funds and from the Air District’s general or reserve funds. On June 15, 2022, the Board of Directors approved the budget for the Fiscal Year Ending (FYE) 2023, which includes funding for Year 2 of the James Cary Smith Community Grant Program. Despite the Board’s multiple previous approvals for this grant cohort and associated budget, releasing the second year of funding requires amendments to the current grant agreements and another Board approval because the amended contract amounts will exceed \$100,000.

By way of background, the Air District’s Community Engagement Office has provided grant funding to local nonprofit organizations for more than a decade to support community-based solutions that address air pollution. The Community Grant Program is named for Jim Smith, the Air District’s former Community Outreach Manager. Mr. Smith passed away in 2015 from ALS, and the program extends his vision of a more engaged and empowered community.

In 2021, the Air District combined elements of both the previous JCS Grant Program and the Community Health Protection Grant Program to create a refocused James Cary Smith Community Grant Program. The new program is designed to strengthen partnerships with

community-based organizations and leverage community power to improve local air quality and health outcomes. Grantees are using these funds to develop and deepen capacity-building efforts that seek to address air quality concerns in communities that have historically faced inequitable pollution impacts.

Year 1 of the JCS Community Grant Program (also referred to as the 2021-2022 grant cycle) is currently funding the 33 community groups and nonprofit organizations that accepted JCS grant funds to engage community members in decisions that impact their air quality and health. The maximum amount for an individual grant is \$100,000 per year, with the potential for funding for up to three years. The Air District prioritized funding for projects based in local environmental justice communities. A subset of the current grant cohort will be eligible for Year 2 of the program. Attachment 1, Table 1, provides additional information on these projects.

DISCUSSION

As part of this agenda item, staff will provide an update on the refocused James Cary Smith Community Grant Program, including an overview of the current grant cycle, and information about Year 2 of the program.

Year 1 (2021 – 2022)

Staff will share background information about the two grant programs which the Community Engagement Office operated concurrently from 2019 to 2021. Staff will further discuss the program adjustments staff made in 2021, based on the Board’s recommendations. Staff will also share information about the current grant cohort and discuss technical assistance provided to community-based organizations, as well as program evaluation efforts currently underway.

Year 2 (2022 – 2023)

Year 2 funding will be available to grantees who have demonstrated progress toward project goals and deliverables, and who will continue capacity-building projects in environmental justice communities where there are not current Assembly Bill (AB) 617 implementation efforts. Staff anticipate that 24 grantees will be eligible for Year 2 funding.

The capacity-building projects supported by this grant are closely tied to AB 617 implementation efforts. The AB 617 implementation process is now underway in East Oakland, following the California Air Resources Board’s designation of East Oakland on February 11, 2022, as the next Bay Area community to develop a Community Emission Reduction Plan (CERP). The Air District is partnering with one of the current James Cary Smith grantees, Communities for a Better Environment, to develop a CERP for East Oakland. The Air District anticipates that moving forward, AB 617 implementation efforts will provide resources and further capacity-building opportunities in East Oakland.

Eligible grantees have developed their Year 2 proposals, and staff have reviewed the proposals. On that basis, staff request that the Committee consider recommending Board authorization for the Interim Executive Officer/APCO to execute contract amendments to extend the term of the

current James Cary Smith Community Grant awards previously approved by the Board for one additional year.

BUDGET CONSIDERATION/FINANCIAL IMPACT

In the Fiscal Year Ending (FYE) 2023 Budget, the Board approved a transfer of \$3.7 Million from General Fund Reserves to fund the James Cary Smith Community Grant Program. Funding for contract amendments of up to \$2,059,976 is included in the Community Engagement Office's Budget.

Respectfully submitted,

Sharon L. Landers
Interim Executive Officer/APCO

Prepared by: Elinor Mattern and Aneesh Rana
Reviewed by: Suma Peesapati and Veronica Eady

ATTACHMENTS:

1. JCS Grant Awards for Year 1 (2021-2022) and Grant Amounts Requested for Year 2 (2022-2023)

ATTACHMENT 1

**Table 1 - James Cary Smith Community Grant Program
Grant Awards for Year 1 (2021-2022) and Grant Amounts Requested for Year 2 (2022-2023)**

Grantee	Project Name	Project Location(s)	Amount Awarded - Year 1	Amount Requested - Year 2
Acterra: Action for a Healthy Planet	Raising Awareness of E-Mobility Strategies for Community Action	San Jose, East Oakland, Pittsburg/Bay Point	\$99,500	\$71,900
Bayview YMCA	Bayview Hunters Point Air Quality Advocates	Bayview Hunters Point, Southeastern San Francisco	\$100,000	\$100,000
Breathe California of the Bay Area, Golden Gate, and Central Coast	Community Action for Increasing Health Equity	San Jose	\$100,000	\$94,000
Brightline Defense Project	The Brightline "Our Community, Our Air" Alliance	Eastern San Francisco	\$100,000	\$100,000
Citizen Air Monitoring Network	Incentivized learning leading to the internship and workforce development	Vallejo	\$100,000	\$100,000
Communities for a Better Environment	Freedom to Breathe - Community Outreach & Leadership Development	East Oakland	\$99,856	Not eligible
Community Climate Solutions	Empowering San Jose Residents to Reduce Air Pollution	San Jose	\$90,000	\$55,000
Earth Team	Youth For Clean Air	Antioch, Pittsburg, East Oakland, San Leandro	\$70,000	\$70,000

East Bay Bike Coalition	Community Organizing for Mobility Justice	Concord, Pittsburg/Bay Point, Antioch	\$63,900.52	\$73,575.55
Greenaction for Health & Environmental Justice	Bayview Hunters Point Environmental Justice Air Quality Project	Bayview Hunters Point, Eastern San Francisco	\$100,000	\$100,000
Higher Ground Neighborhood Development Corp	The East Oakland Green and Bike Ways Project	East Oakland	\$50,000	Not eligible
HOPE Collaborative	Environmental Justice Community Cohort	East Oakland	\$100,000	Not eligible
International Children Assistance Network	Vietnamese Community Air Quality Ambassadors	San Jose	\$100,000	\$100,000
La Clínica de La Raza	Air Quality Community Advocates Project	Pittsburg/Bay Point, Vallejo	\$100,000	\$100,000
Latinos United for a New America	Approaching Environmental Justice through Education on the East Side	San Jose	\$100,000	\$100,000
Livable City	Our SoMa Project	South of Market area of San Francisco	\$80,000	\$80,000
Marin City Climate Resilience and Health Justice	Marin City Air Quality Needs Assessment and Community Engagement	Marin City	\$100,000	\$100,000
Mycelium Youth Network	Youth-Led Community Planning for Air Quality	East Oakland and San Francisco	\$83,600	Not eligible
Rise South City	Mobile Pollution Education, Outreach, and Empowerment	Downtown South San Francisco, Bayshore, Bayview, Visitacion Valley	\$100,000	\$100,000

Rose Foundation for Communities and the Environment	Youth Joining Together for Air Justice	East Oakland, Pittsburg/Bay Point, Antioch, East SF Bayview Hunters Point	\$100,000	N/A
San Francisco Transit Riders	30 x 30: The Rapid Rider Network	Bayview Hunters Point	\$95,000	\$95,000
San Leandro 2050	Empowering Disadvantaged Neighborhoods, Improving Air Quality, and Addressing Climate Change in San Leandro	San Leandro	\$99,204	N/A
Sequoia Foundation	Building Capacity of Students to Improve Air Quality in East Oakland	East Oakland	\$98,801	Not eligible
Silicon Valley Bicycle Coalition	Local Teams	North San Mateo County, Redwood City, North Fair Oaks, East Palo Alto, East San José	\$100,000	\$100,000
South of Market Community Action Network (SOMCAN)	SOMCAN's Community Ambassadors Program	South of Market area of San Francisco	\$100,000	\$100,000
Strategic Energy Innovations	Youth Community Advocacy and Action through Energize Schools' Earth Day Challenge and Energy and Air Quality Challenge	East Oakland, San Leandro, Eastern San Francisco, Pittsburg/Bay Point, San Jose, Tri-Valley, Vallejo	\$100,000	\$100,000
Sustainable Contra Costa	East County Clean Air Coalition	Antioch, Pittsburg/Bay Point	\$40,000	\$30,000

TransForm	Know How to Go: Let's Go Further	East Oakland	\$90,108	Not eligible
Tri-Valley Air Quality Community Alliance	Ensuring Future Air Quality in the Tri-Valley	Tri-Valley, San Ramon, Dublin, Pleasanton, Livermore	\$100,000	\$100,000
Urban Habitat	Improving Environmental Health by Cultivating Community Leaders	Eastern San Francisco, Vallejo, Pittsburg/Bay Point, Eastern San Jose, and the Tri-Valley area	\$50,000	\$25,000
Valley Verde	Community Compost Initiative	Downtown San Jose, East San Jose, Alviso	\$65,500	\$65,500
White Pony Express	Improving Air Quality in Contra Costa County Through Food Rescue	Pittsburg/Bay Point	\$100,000	\$100,000
Youth UpRising	Marginalized Youth Leadership Excellence and Development (YU LEAD)	East Oakland	\$92,500	Not eligible

TOTAL

\$2,967,969.52 \$2,059,975.55

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Sharon L. Landers
Interim Executive Officer/APCO

Date: October 6, 2022

Re: Assembly Bill (AB) 617 Community Emissions Reduction Plan Recommendation for
Bayview Hunters Point/Eastern San Francisco

RECOMMENDED ACTION

Recommendation that the Board of Directors select Bayview Hunters Point for development of a Community Emissions Reduction Plan (CERP) pursuant to AB 617.

BACKGROUND

In August 2018, the Air District submitted “high priority” communities for the first five years of the state’s Community Air Protection Program drawn from the Bay Area’s full list of candidate communities that experience large disparities in air pollution exposure and health effects. Bayview Hunters Point/Eastern San Francisco was included in this list to move forward with a community monitoring and/or community emissions reduction plan (CERP). The Board adopted the list of high priority communities and in September 2018 the California Air Resources Board (CARB) approved the Air District’s recommended high priority communities. Since that time, the Air District has successfully completed the State’s first CERP in West Oakland and is actively leading two other efforts (Richmond-North Richmond-San Pablo and East Oakland).

Per Assembly Bill (AB) 617 and the CARB Blueprint guidelines implementing AB 617 (Blueprint), any community may initiate a submittal for self-nomination to conduct a formal CERP. A self-nomination must receive support and be recommended for selection from the Air District prior to going to CARB for final consideration. In June 2022, the Bayview Hunters Point Community Advocates and the Marie Harrison Community Foundation—two leading community-based health equity and environmental justice groups with established working relationships with the Air District—engaged staff about the possibility of pursuing a self-nomination for a CERP process for the Bayview Hunters Point (BVHP) community in Southeast San Francisco. The co-leads and other community leaders have been asking for action to improve local air quality in their community for decades. They have been working for years to build community capacity in air quality planning. After several consultation meetings, these two “co-lead” organizations submitted a CERP self-nomination letter to the Air District.

The Air District has already partnered closely with both organizations. Bayview Hunters Point Community Advocates has partnered closely with the Air District through the Community Health Protection grants, aimed at resourcing the organization to prepare for a planning process. The District has also partnered with the Marie Harrison Foundation to co-develop the Marie Harrison Youth Scholarship Program. Staff have held a series of meetings with these partner organizations to provide an overview of the CERP process as well as characterizations of air quality in the BVHP community. As part of the initial self-nomination process, the co-leads also organized and held a two-part community Town Hall event in San Francisco District 10 on August 31 and September 15, 2022, where community feedback indicated support for initiating a CERP process. Under CARB's process for approving nominations, the Air District Board must vote on the self-nomination before October 31, 2022, to ensure timely consideration of the nomination at CARB's February 13, 2023, Board meeting. CARB has signaled that an Air District Board vote at its November 2, 2022, meeting would be sufficient.

DISCUSSION

Given the stature and track record of these co-leads, their demonstrated readiness to start a CERP, and the air quality and related public health challenges facing the community, staff seeks Board approval to recommend that CARB select BVHP for development of a Community Emissions Reduction Plan in 2023. The preliminary boundary of the BVHP includes the area south of 20th Street in Potrero Hill, areas adjacent to and east of the 101 freeway, and areas south to Candlestick Point including portions of Visitacion Valley. The preliminary boundary includes 17 census tracts, 11 of which are in the top 30 percent of pollution burden statewide. The final boundaries for the BVHP area will be determined by the Community Steering Committee, which will be established as part of the CERP process. This recommendation is primarily based on the co-leads' capacity to lead the process and to partner with the Air District in addition to the high, disparate pollution and health burden in the BVHP community.

The Bayview-Hunters Point neighborhood of San Francisco is predominately non-white. The percentage of people in the neighborhood living below the poverty line is more than double that in the San Francisco-Oakland-Hayward metropolitan area, and the population is younger than almost every other neighborhood in San Francisco. According to the San Francisco Community Health Needs Assessment (2020), the Bayview-Hunters Point neighborhood has one of the highest mortality rates, and one of the lowest life expectancies, in all of San Francisco. People living in the area experience higher rates of cancer, heart disease, stroke, chronic lower respiratory disease mortality, unemployment, and disabilities.

BVHP residents have borne a high cumulative pollution burden. Long-term trends at the nearby San Francisco monitoring site at Arkansas St. and 16th St. show that air pollution levels are similar to, or higher than, levels at monitoring sites located within or nearby other communities experiencing disproportionate impacts from air pollution. The long-term trends in fine particulate matter (PM2.5) from 2012-2021 also show that there has been little overall improvement in recent years. Because there is no known safe level of human exposure to PM2.5, further reduction of this pollutant is warranted. The Air District's modeling and measurement data can be leveraged along with other air quality information to help inform the development of strategies to reduce PM2.5 and toxics in the CERP process.

Overall, staff finds BVHP to be well-suited for a CERP self-nomination based on the criteria set forth by CARB and AB 617. Further justification and supporting data are included in the nomination letter we have reviewed (Attachment 1). Moreover, we find that the existing air monitoring data can characterize the high air pollution exposure burden well enough to inform a CERP. Technical staff expect that there are sufficient data that support the need for additional emission reductions to address disproportionate health impacts from nearby sources of air pollution within the BVHP community. Finally, we have also considered the strong activism and leadership in air pollution reduction efforts by the co-leads who have the demonstrated technical familiarity, local government relations, organizing capacity, and community trust to effectively lead a CERP nomination process that is “from the community and for the community.” The Air District’s recommendation for BVHP supports the community’s and District’s efforts to reduce air pollution from sources that impact one of the Bay Area’s most overburdened communities.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for this recommendation is supported by AB 617 CAPP implementation funds.

Respectfully submitted,

Sharon L. Landers
Interim Executive Officer/APCO

Prepared by: David Ralston
Reviewed by: Suma Peesapati

ATTACHMENTS:

1. BVHP Co-Lead Community Self-Nomination Letter to BAAQMD



September 21, 2020

To: Bay Area Air Quality Management District, Attention Veronica Eady, Senior Deputy Executive Officer
From: Bayview Hunters Point Community Advocates and the Marie Harrison Community Foundation

RE: AB617 COMMUNITY SELF-NOMINATION SUBMITTAL FOR BAYVIEW HUNTERS POINT


Dear Ms. Eady,

On behalf of the Bayview Hunters Point Community Advocates and the Marie Harrison Community Foundation, we are self-nominating and requesting that our community, the greater Bayview Hunters Point (BVHP) area in Southeast San Francisco, be selected for the next round of Community Emissions Reduction Planning (CERP) per AB617 for 2023.

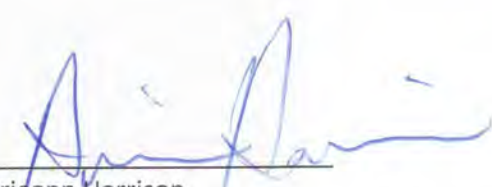
Below please find attached a description of the proposed preliminary boundaries for our intended CERP area; background on the BVHP community, the experience of air pollution impacts on the community, and a description of key on-going pollution concerns including air modeling data. Finally, we are also including a summary of the long-standing work our groups have been leading in the BVHP including ongoing community engagement, organizing and outreach to address air pollution and community health concerns.

Based on our collective track records working from the community and for the community, the wealth of environmental justice, health, and organizing expertise we bring, and our established working relations with the Air District and City/County of San Francisco, our two groups are proposing to be the co-leads of this process. We look forward to working collaboratively with the California Air Resources Board and the Air District to initiate and develop a Community Emissions Reduction Plan for Bayview Hunters Point.

Sincerely,



J. Michelle Pierce,
Bayview Hunters Point Community Advocates



Ariann Harrison,
Marie Harrison Community Foundation

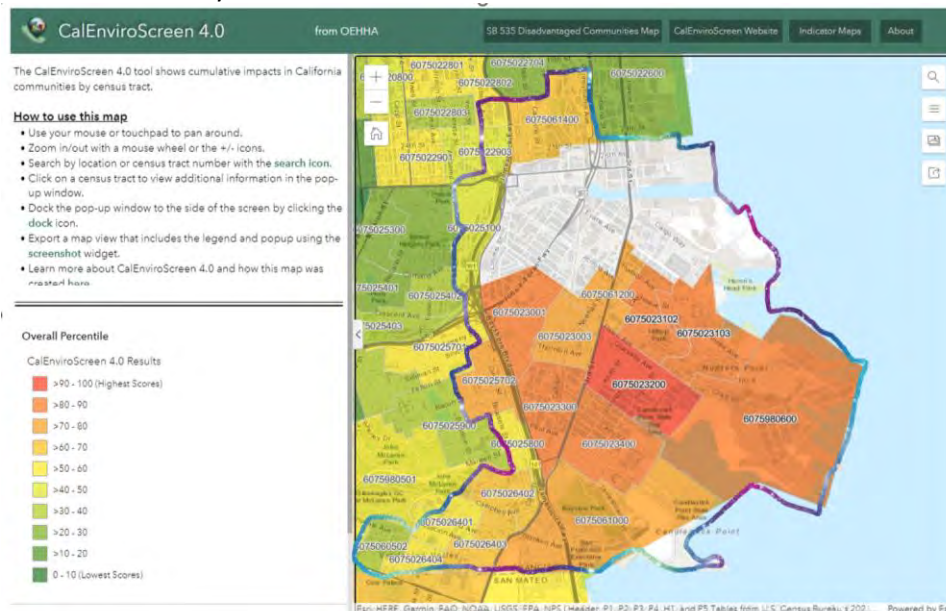
Community Location and Boundaries

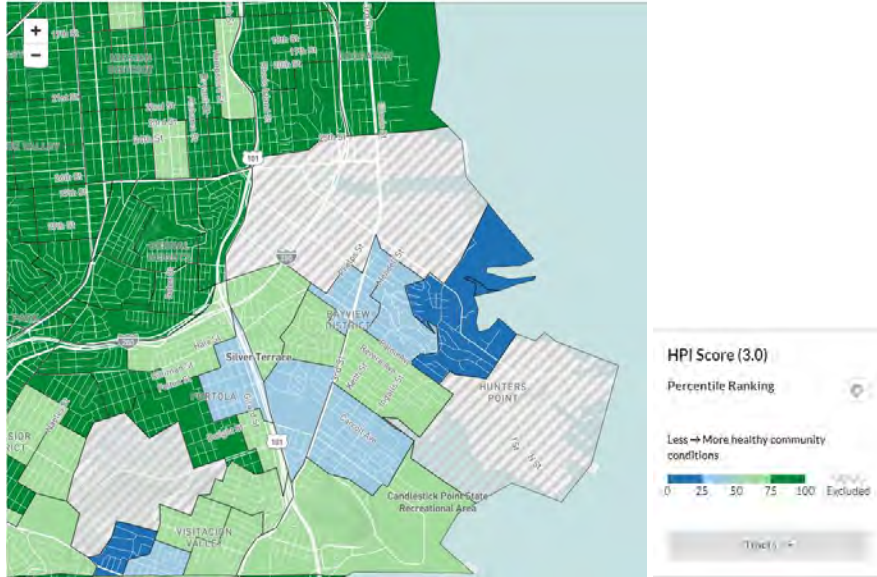
The Bayview Hunter’s Point (BVHP) community is a formal district in Southeast San Francisco bordering the San Francisco Bay to the East. BVHP is surrounded by Potrero Hill to the North, Excelsior to the West, and Visitacion Valley to the southwest. Most of this area is within San Francisco’s Board of Supervisor District 10.



Based on State of California environmental indicator maps, we have identified 17 census tracts in and around BVHP for a proposed preliminary CERP boundary. Eleven of these are within the formal BVHP district (as designated by City). There are six other adjacent census tracts to BVHP we are including for consideration for our preliminary CERP boundaries that include portions of Potrero Hill, Excelsior, Little Hollywood, and Visitacion Valley.

The CalEnviroScreen (CES) 4.0 map (below) clearly shows that the greater BVHP community suffers a disproportionate burden and exposure to air pollution and health inequities with some of the highest reporting census tracts in the region. (Note the blank census tracts on the map corresponding with the Cesar Chavez Industrial Areas are due to lack of census data collected for non-residential industrial areas). The California Healthy Places Index (HPI) 3.0 map (also below) confirms, from a different set of indicators, that the least-healthy places in the region are concentrated in the BVHP and some adjacent census tracts areas in the Excelsior as well as Visitacion Valley.

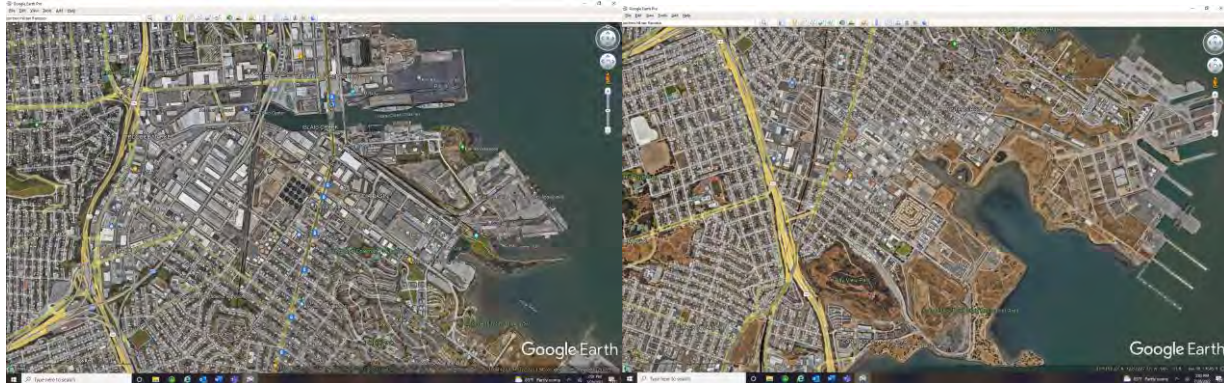




Census Tracts for Preliminary CERP Boundary

Census Tracts	CES 4.0	HPI	Notes
607-502-3200	90-100	Light green (50-75)	Bordered by 3 rd , Palau Ave., to Yosemite Slough
607-502	No number	No color	Cesar Chavez Industrial areas
607-502-3001	80-90	Light green (50-75)	
607-502-3300	80-90	Light blue (25-50)	
607-502-3400	80-90	Light blue (25-50)	Study Area of Thompkins et al/around Carroll Street
607-502-3102	80-90	Light blue (25-50)	Hilltop
607-502-3103	80-90	Dark blue (0-25)	
607-598-0600	80-90	No color	Naval Shipyard
607-506-1000	70-80	Light green (50-75)	Candlestick area and Little Hollywood
607-502-3003	70-80	Light green (50-75)	
607-506-1200	70-80	Light blue (25-50)	
Outlier Areas for on-going Consideration			
607-502-5702	70-80	Light blue (25-50)	In D9 – Portola Area. Around Bacon Street – mostly residential
607-502-6402	60-70	Light green (50-75)	Vis Valley East along freeway
607-502-6403	60-70	Light green (50-75)	Vis Valley East along freeway
506—0502??	30-40	Dark blue (0-25)	Sunnydale projects
502-6404??	50-60	Light blue (25-50)	Vis Valley West
607-506-1400	70-80	Dark green (75-100)	Sits b/w two freeways, includes Potrero Hill housing project areas at edge (new phases of Rebuild Potrero at 25 th /26 th /Connecticut, with other phases to be built by 2029 replacing old Potrero Terrace and Annex.

Aerial views of the greater BVHP community (Google Earth):



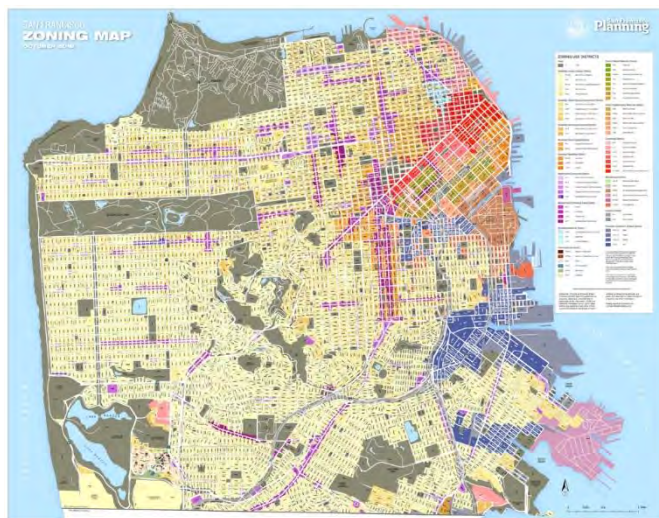
Description of the BVHP Community

The community for the proposed CERP is focused on the Bayview Hunters Point Neighborhood District and portions of adjacent areas – Portrero Hill, the site of the former Terrace Housing project and Visitacion Valley, known for the Sunnysdale Housing projects. This community is bisected by the commercial oriented Third Street corridor and straddles two busy freeways (the I-280 and the I-101) that bring freight trucks and high volumes of commuter traffic between the South Peninsula and downtown San Francisco. BVHP, in general, took on its contemporary industrial and worker housing character amidst the public disinvestment and siting of hazardous uses that accelerated post-WWII. With the lure of the Great Migration pulling folks from the South to work in the shipyards, the BVHP community grew to become predominantly African American with a focus for several generations around the bustling commercial corridor of Third Street and the shipyard. More recently, with influxes of Asian Americans AAPI communities as well as greater Latinx folks, the community has become very multi-racial and multi-ethnic.

Over the last half-century, BVHP has unfortunately come to be known as the “forgotten neighborhood” of San Francisco, a community rife with poverty and violence, and a historically disadvantaged environment justice community whose activists have been on the frontlines of notorious battles such as shutting the PG&E plant and fighting the Naval Shipyard’s radioactive waste contamination resulting from the negligent clean-up of this superfund site. The Hunters Point radiological defense lab and naval shipyard repair facility closed in 1974 but became a notorious site for continuing contamination and community exposures to legacy cancer-causing pollutants that are exacerbated by windblown dust and on-going re-development efforts. Much of the existing southeast shoreline was created by landfill prior to the development of modern environmental regulations and standards and the soils in these industrial areas, along with the naturally occurring asbestos deposits in the rocks, pose hazardous conditions to the community. This legacy of environmental racism and the spirit of activism still animate our community. We acknowledge and are continued to be inspired by those who stood up and those who have given their lives in this fight, including Ms. Marie Harrison.

From a land-use perspective, BVHP has a red-lined impacted pattern with industry and housing as the dominant uses. The conflict between housing and industry are an issue in the following areas: the eastern edge of the South Basin industrial area, which abuts the Candlestick Point State Park and former stadium; the Yosemite Slough; the Alice Griffith public housing project; and areas that experience a heavy circulation of industrial truck traffic through neighborhood residential and commercial districts.

Truck traffic and diesel idling continue to be problems that our groups have directly addressed through various outreach campaigns with CARB and the Air District. Ingalls and Carroll Avenues are existing truck routes, and we note that there are efforts to develop new housing in these areas which must be adequately insulated from the adverse effects of heavy traffic. The industrial areas surrounding the maritime operations (break bulk, bulk cargo, ship repair/dry dock – piers 70, 80, 90, 92, 94 and 96) and the shipyard need to have policies in place to minimize impacts from trucks on the surrounding residential areas.



Zoning and land use map for the City of San Francisco (left). The grey, purple and dark blue designate land uses areas of industrial, utility, and transportation related activities. Note that these areas are in direct proximity to residential (yellow) areas interspersed into three main “fingers”, the middle one sticking into the Naval Shipyard. The community district has varying topography and can be exposed to very swirling winds that bring and intensify dust and other pollutants mixing with the emanating pollution from industrial sources and traffic as well as illegal dumping such as along the eastern industrial edge.

BVHP has a high density of sensitive populations including children and the elderly at schools, hospitals, and day care centers located near mobile and stationary emissions sources of concern, including roadways. These sensitive receptors have been burdened with disproportionate health impacts from the chronic and acute pollution. Health impacts and conditions from existent air pollution include preventable health problems such as increased illness and premature death from asthma, bronchitis, emphysema, pneumonia, coronary heart disease, abnormal heart rhythms, congestive heart failure, and stroke. People exposed to poor air quality from roadway-generated pollution have increased incidences of severe health problems including higher rates of asthma onset and aggravation, cardiovascular disease, impaired lung development in children, pre-term and low-birthweight infants, childhood leukemia, and premature death.

Our Community’s Health Equity Challenge

Policymakers regularly dismiss the deep harms inflicted by environmental racism on human and public health as anecdotes, erasing decades of pollution or contamination. This stance is sustained and amplified by the institutional dimensions of systemic racism, accepting the premise that “economic development” or other erratically defined benefits in the built environment are worth sacrificing the lives, health, and territories of (some) citizens. In these circles, even *noticing* these sacrifices prompts dismissal as a naïve activist who doesn’t understand realpolitik. Yet for communities at the frontlines — often Black, Indigenous, or Latinx and already facing crushing inequities and exclusion from full citizenship — environmentally unjust practices pose real, measurable, and ongoing existential threats.

According to the 2017 *American Community Survey* (<https://censusreporter.org/profiles/86000US94124-94124/>) the Bayview-Hunters Point neighborhood of San Francisco (zip code 94124) has a population of 35,492. The population is 28% Black, 35% Asian, and 24% Hispanic. The per capita income in the neighborhood is \$26,061, roughly half of the per capita income in the San Francisco-Oakland-Hayward metropolitan area (\$48,538). 21.3% of people in the neighborhood live below the poverty line, more than double the rate of the San Francisco-Oakland-Hayward metropolitan area. In addition, 26% of the population is 19 years old or younger, a higher percentage than almost every other neighborhood in San Francisco. According to the San Francisco Community Health Needs Assessment at www.sfhip.org: the Bayview-Hunters Point neighborhood has one of the highest mortality rates, and one of the lowest life expectancies, in all of San Francisco. As mentioned above, the neighborhood has substantially higher rates of emergency room visits and hospitalizations for asthma and chronic obstructive pulmonary disease than any City neighborhood. Black and Latinx residents, especially in the City's southeast neighborhoods, have higher rates of cancer and numerous other illnesses.

Bayview-Hunters Point has also long served as San Francisco's "dumping ground," home to a significant concentration of hazardous waste facilities. It is home to one of the most polluted Superfund sites in the country that is also the largest redevelopment project in San Francisco's history; the botched cleanup of that site clearly correlates with higher cancer and disease rates in the neighborhood. 80% of the city's sewage is treated at Bayview's wastewater plant; all the City's garbage and recycling is processed here. These are not unrelated facts. We don't raise this history because it is unique, but because it is common. We are far from the only community forced into adversarial relationships with policymakers committed to urban transformation packed with complex histories of power, racism, and inequality. As a result, we must believe that community-based and community-led advocacy is critical to pursuing the goals of environmental and health justice; indeed, we have no alternative. Our health equity challenge is to reverse our adverse health outcomes by finally cleaning up our environment. Researchers have developed tools for analyzing the health studies, scientific data, and regulatory measures that underpin environmental assessments. At the same time, grass roots environmental-justice organizers can tell you that local residents are the experts about their own neighborhoods, conditions, and exposures to contaminants. Our work requires an interdisciplinary approach, built on trust and exchanges of knowledge and experience.

Community-based, community-led efforts are critically important to a neighborhood's self-sustaining future, to develop research and practices that co-produce knowledge *with* communities instead of merely extracting data *from* them. We seek to create an evidence-based policy platform for environmental justice in Bayview-Hunters Point, combining site-based documentation of systemic racism with measured environmental impacts on public health and health outcomes, along with training on policy creation and advocacy. Through this shared work and the new community leaders who participate in it, we will support longer, healthier lives in our vulnerable neighborhood.

A Description of Our Specific Air Pollution Concerns

Over the last decades of increased environmental justice and health equity activism our community has been especially concerned about the legacy pollution (including radiation) from the Naval Shipyard, dust and asbestos from on-going large-scale redevelopment, perennial odors and emissions from the Waste treatment facility, chronic diesel truck idling, and prominent odors from facilities such as Recology and Darling Industries Rendering.

Based on the Air District’s “Permitted Stationary Source Risk and Hazards Map” there are over 81 permitted facilities in the preliminary boundary area (and an undisclosed number of hidden hazards) unpermitted sources). Key stationary sources of pollution exposure in the BVHP area include big institutional uses (SF General hospital, SE Community College) to numerous gas stations, auto body shops and repair, trucking companies; numerous industrial and utility uses such as waste recycling center, concrete recycling, the Southeast Wastewater Treatment Facility, concrete, and aggregate operations, along with smaller sheet metal, iron, maritime, and other associated industrial uses. The largest mobile sources of pollution are from the I-280 and I-101 freeways and the steady vehicular and truck traffic they carry through the community. The congestion along these freeways also impacts our community from the constant braking, idling causes bits of tire and brake pads to erode and drift in atmosphere and disproportionately burdens the surrounding neighborhoods.

We also acknowledge the huge concern with indoor air pollution exposure due to proximity to industries and freeways. The SF Health Department (2018 report: *In-House Pollution Exposure at Houses Near High Trafficked Roadways*) states:

“The higher prevalence of industrial businesses and proximity to local freeways results in higher air pollution conditions in eastern San Francisco compared to its western counterparts. Air pollution produced from these sources can infiltrate the indoor air environment through openings, joints, cracks, open windows and doors, and as makeup air from mechanical ventilation systems. People exposed to poor air quality from roadway-generated pollution have increased incidences of severe health problems including higher rates of asthma onset and aggravation, cardiovascular disease, impaired lung development in children, pre-term and low-birthweight infants, childhood leukemia, and premature death.

According to an article in the *San Francisco Chronicle* (Rachel Swan, 9/4/2017) “Statistics from the California Office of Statewide Health Planning and Development show that between 2013 and 2015, the Bayview – which is surrounded by freeways, cement plants and other industry – has 93 asthma emergency room visits for every 10,000 people” which is significantly higher than other neighborhoods, especially those insulated from freeways and major streets.

Existing Monitoring Data

We understand from the Air District that while air monitoring coverage is spotty (in terms of pollutants, geography, and duration) the existent air monitoring results can characterize the high air pollution exposure burden experienced by the community well enough to inform a community emissions reduction program development. In a meeting with our two groups, Air District technical staff recently provided the following community-specific summaries of available monitoring data for BVHP as a high-level overview of insights from existing current/historical monitoring in the area. Some key takeaways were:

- Long-term trends show that levels at the San Francisco monitoring site at Arkansas St. and 16th St. are similar to or higher than levels at monitoring sites located within or nearby other communities experiencing disproportionate impacts from air pollution.
- The long-term PM_{2.5} trends from 2012-2021 also show that there has been less overall improvement in recent years.

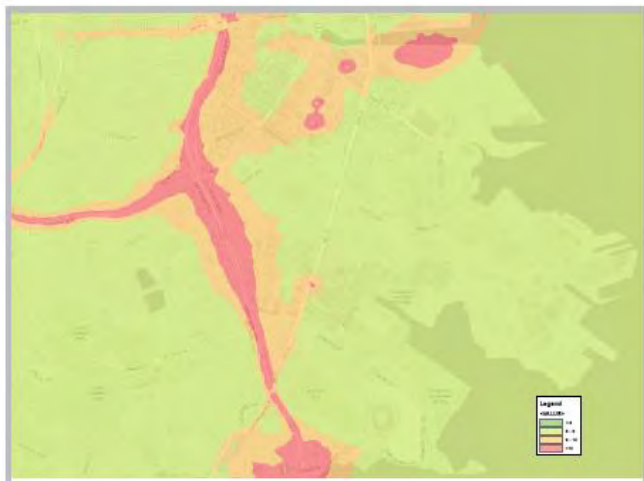
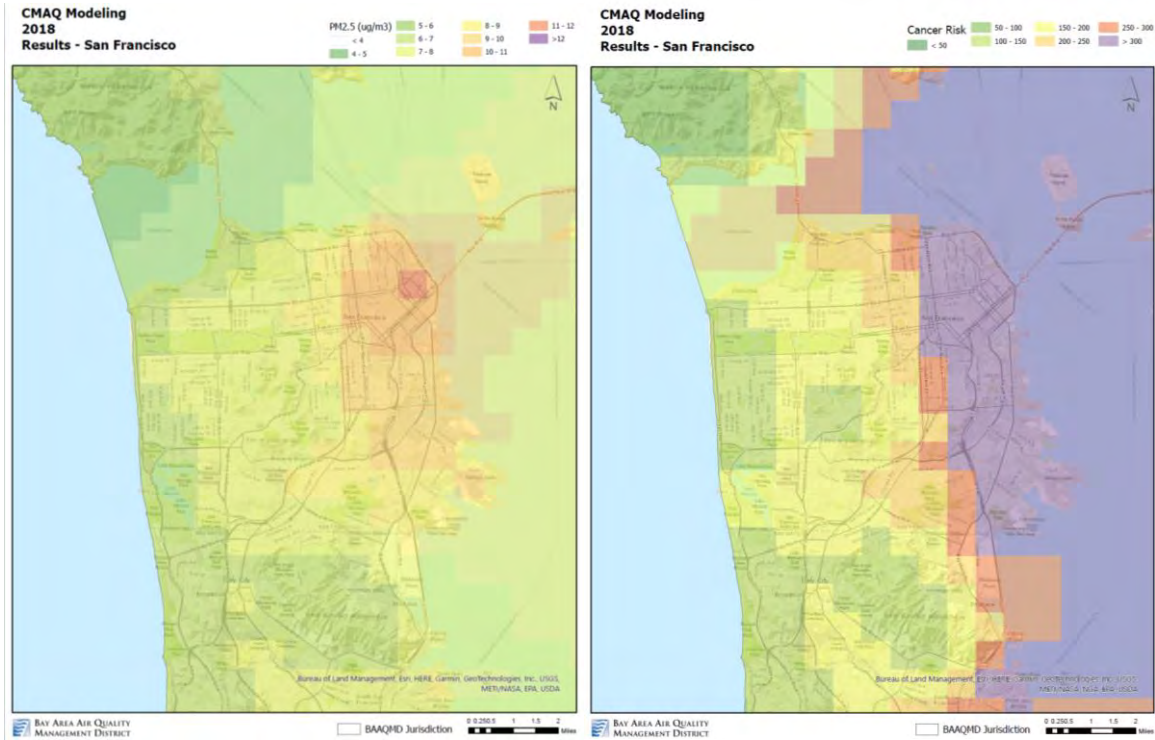
- While PM_{2.5} levels are below the National Ambient Air Quality Standards (NAAQS), we know the PM_{2.5} NAAQS are not health protective, especially for populations experiencing cumulative impacts. Therefore, reducing the concentrations of PM_{2.5} further is warranted.
- Air District expects that pollutant concentrations, especially over short time periods, could be higher at times within Bayview Hunters Point than those measured at the San Francisco monitoring site and those elevated concentrations may vary significantly from place-to-place depending on proximity to nearby sources and the wind speed and direction.
- A review of the data shows that elevated levels of PM_{2.5} can occur throughout the year.
- There are multiple different types of meteorological patterns (wind speed, wind direction, inversions, etc.) that occur throughout the year that can affect which sources of air pollution contribute to elevated levels of PM_{2.5} in different places.
- Levels of Volatile Organic Compounds (VOCs) are similar compared to regional averages, except for two compounds (Ethyl Alcohol and Methylenechloride), which are slightly higher than other sites in the Bay Area.
- Data from additional sources (previous short-term monitoring studies, Aclima) highlight the potential for short-duration or intermittent elevated concentration levels of PM_{2.5}, NO₂, and VOCs that may occur at different locations throughout the community during different times of the year.

The summary also states: “These available air monitoring data confirms that there is community exposure to air pollutants that is likely exacerbated by emissions from sources within the community and that these impacts affect the health of people living and spending time in Bayview Hunters Point.”

Air District staff further concurs that “the existing air monitoring data supports the development of a Community Emission Reduction Plan to reduce emissions and exposure to all sources of air pollution, especially considering the additional cumulative impacts the community experiences from nearby sources (commercial, utility, industrial, mobile, etc.). Staff concluded by acknowledging “that air monitoring data cannot by itself completely characterize the extent of air pollution issues... and a multi-faceted approach is needed - most important of which is the lived experience of Bayview Hunters Point community members.”

Existing Modeling Data

Below are two Congestion Mitigation and Air Quality (CMAQ) 1 km x 1km grid data and maps based on air quality modeling quantifying air pollution exposure burden from the Air District’s latest 2018 emission inventory program of average concentrations of PM 2.5 and Toxics Cancer Risk.

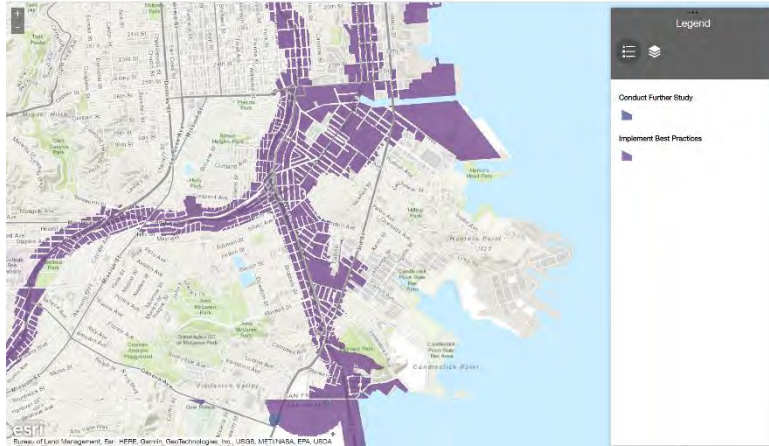


The modeled PM_{2.5} results shows, along with the highly urbanized and transportation intensive Eastern San Francisco in general, that there are high and unhealthy concentrations (9-10 mg/m³) of fine particulate matter in the areas around and between the two freeways from the downtown core through the industrial and residential areas of central BVHP and inclusive of the neighborhoods overlooking and adjacent to the Shipyard. A closer view of PM_{2.5} (see 2018 map to left) from the County Health Department reveals

average PM_{2.5} levels that exceed 10 mg/m³ along the freeway corridors in Bayview Hunters Point and Portero Hill and pockets of industrial areas along Islais Creek (Pier 92) and industrial areas south of candlestick Point.

In addition to the well-documented dangers from PM_{2.5} exposure, the most prominent pollution story, impacting so many families, centers on the elevated toxic risks for cancer. Here almost the entire proposed BVHP CERP area is within the highest ranges of greater than 300 up to 600 in a million and above cancer risk. Much of this we attribute to diesel particulate matter and industrial toxics, and we look to the Air District and CARB to help us characterize these emissions and their sources. We note too that this modeled CMAQ data is based on *known* permitted sources, and we have already documented numerous “hidden hazards” and unpermitted sources that are operating within the area (See Dr. Ray Tompkins et al, 2019. *Hidden Hazards of Bayview Hunters Point*, Phase 1 Report and Ground-Truthing

Study for Bayview Hunters Point). Furthermore, the daily pollution exposure from dust, asbestos, idling diesel trucks, and other toxics and radiation exposure also need to be accounted (please see testimonies, studies, and assessments also conducted via the interagency IVAN process that has been operating in BVHP since 2017 and which CARB and the Air District are regular participants and sponsors).



These CMAQ data, collected pursuant to the Air District mandate to maintain National Ambient Air Quality Standards, also serve to target cost-effective clean air strategies and to maximize public health benefits. In fact, the patterns of pollution are nothing new and have been reflected by the Air District’s CARE (Community Air Risk Evaluation Program) which, since 2009 designated BVHP as an “impacted” community and “overburdened” community. This

designation was further emphasized in the Air District’s 2011 “Planning Healthy Places” mapping highlighting key areas along the freeways and industrial areas to implement “best practices.” Along with the many studies and measurements, there have been some positive movements: The SF County Health Department in 2000 did implement (through Article 38) an “Air Pollution Exposure Zone” that covers most of BVHP while the Air District began (starting July 1, 2022) setting more stringent health risk limits and public noticing requirements for projects located in designated “overburdened communities” (see *Regulation 2-1-243*). However much more needs to be done as far as community planning and developing implementable mitigation strategies given the still clearly high chronic and acute pollution levels. We seek to build from specific pollution planning tactics that other AB617 communities in the Bay Area and across the State have developed as part of our planning and mitigation interventions.

About Our Co-Lead Groups

Bayview Hunters Point Community Advocates

Bayview Hunters Point Community Advocates, founded in 1994, is governed and operated by long-term members of the Bayview-Hunters Point neighborhood in San Francisco. Our programs combine community organizing with education, advocacy, and direct services. We seek to build the neighborhood’s capacity as a self-determining, fully autonomous force for social change in today’s San Francisco. The organization is structured as a traditional non-profit organization, with a staff and a governing Board of Directors. But our Board is an activist board, not a fundraising board. And we seek guidance in all our programs from our Southeast Community Council – residents from diverse Bayview neighborhoods (90% BIPOC), paid a stipend for their participation, serving as new leaders in the neighborhood and as advocates for shared work throughout our communities.

Bayview Hunters Point Community Advocates created a Southeast Community Council to give local leaders and their constituencies a stronger platform for building neighborhood power; the Council receives training in research and analysis tools and are structured along the lines of the City’s Board of Supervisors. In short, we founded the Council to hold both local policymakers and us accountable. The

Council is quickly growing as an independent voice in community affairs, and we are proud to see that development.

Other key projects related to this effort include our collaborative public health projects designed with authentic community participation from the ground up:

- Our Community Toxic Index trains and employs community members to document and map environmental exposures.
- Our branch of the Umoja Health initiative relies on peer-to-peer outreach to bring public health outreach and services to underserved Black communities.
- The Health Equity Advocates and Leaders in Environmental Research and Science (HEALERS) program utilizes peer-to-peer education and training for policy advocacy to address local inequities surrounding breast cancer outcomes.

Simply put, all our work and partnerships are co-created with the diverse and underserved communities of Bayview-Hunters Point, often bringing public agencies in to support the collective vision of local residents. Our work has always connected residents with environmental justice issues in our neighborhood, seeking to increase community participation in environmental decision-making, and to build skills in the community to support a cleaner environmental future. Our projects are capacity-building initiatives for the organization and the neighborhood; the local power we build in Bayview can model practices to make community relationships less extractive and more collaborative.

The Marie Harrison Community Foundation

The Marie Harrison Community Foundation (MHCF) for environmental and social justice was founded in 2019 to honor the legacy, advocacy and dedication of Marie Harrison, the “Mother of the Environmental Justice movement.” The foundation serves as a platform to develop the next generation of environmental and social justice leaders, mobilize grassroots community power and develop campaigns to advance community-designed solutions and policies to long-standing health, economic and environmental issues in Bayview Hunters Point. Most recently, the foundation launched the #CanWeLive campaign, a youth-driven effort to amplify the community’s call for full clean-up of the numerous Brownfield and Superfund Sites in the district as well advocate for full reparations and lifetime medical services for residents, ex-residents and workers who disproportionately suffer poor health outcomes due to toxic Shipyard exposures.

MHCF has experience developing programs and conducting outreach in the community including creating the Marie Harrison Youth Scholarship program, distributing air filters to unsheltered communities at Pier 94 in San Francisco and Pollution Patrol - a ground truthing team - illegal dumping in District 10. The foundation has built long-term relationships with the Air District and participating in meetings and enforcement issues. As a result, MHCF has gained deep leadership and expertise around engaging the Air District with regulatory rulemaking, enforcement, planning processes and programs.

The MHCF is continuing our role in strongly advocating for a Community Emissions Reduction Plan process for Bayview Hunters Point. Our director, Ariann Harrison, daughter of Marie Harrison, has become an uncompromising spokesperson and community leader in her own right for environmental justice. Her story and the disturbing results of her recent biomonitoring study showing the extent of heavy metal toxins present in her body from a lifetime exposure to community sources can be found here: <https://sfbayview.com/2022/06/arianna-harrison-continues-her-mothers-environmental-justice-advocacy-for-bayview-hunters-point/>.